

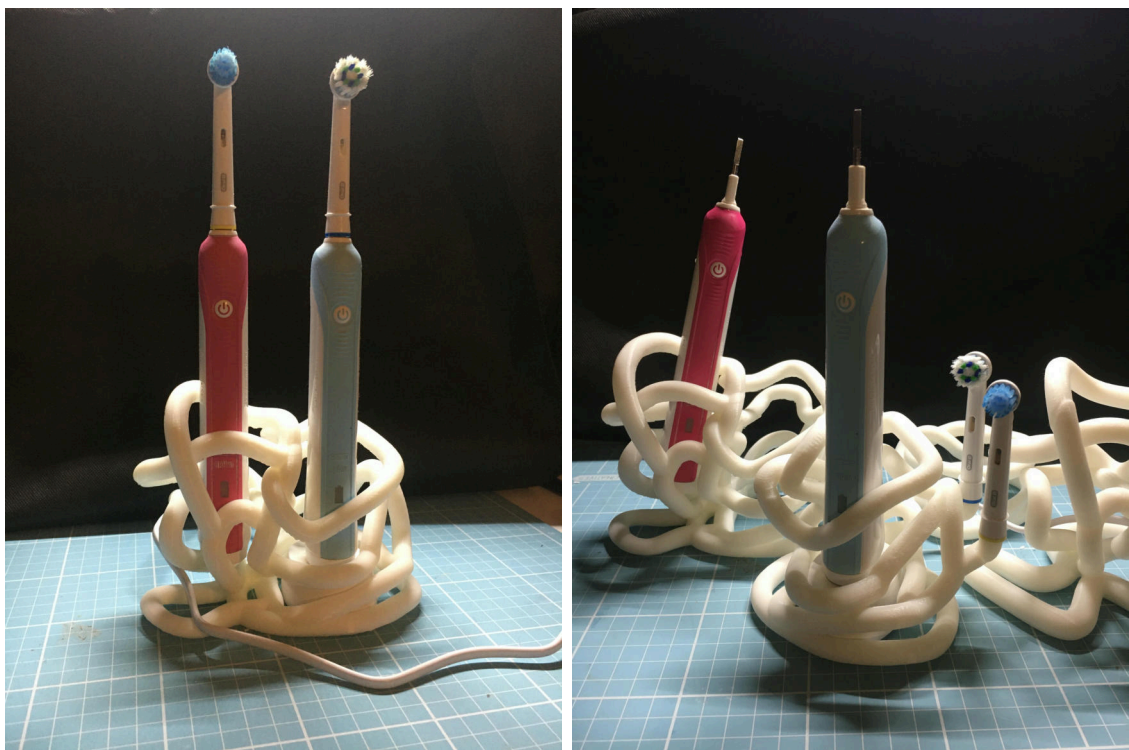
Electric toothbrush holder (custom designed model)

Unique design toothbrush holder, 3D printed, modelled and designed by self.

Skills

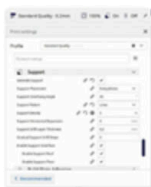
- Complex CAD modelling
- 3D printing of a complex form
- Optimising tree support for organic shaped prints
- Product Design
- Fixing 3D printer issues

Finished product images



Process/Production images:

1 CAD/3d model the design using SOLIDWORKS and export as an STL to slice it for printing.



2 Printed the model with a suitable 3d printer in white [or black for prototype] filament.



3 Once the model is printed, I removed the support by crushing it with my hands then removing it as well as using wire cutters/pliers



4 I cleaned up the residual pieces of support on the part with a knife and wire cutters.

5 After this, I used sandpaper to smoothen out the parts and the construction was complete.

